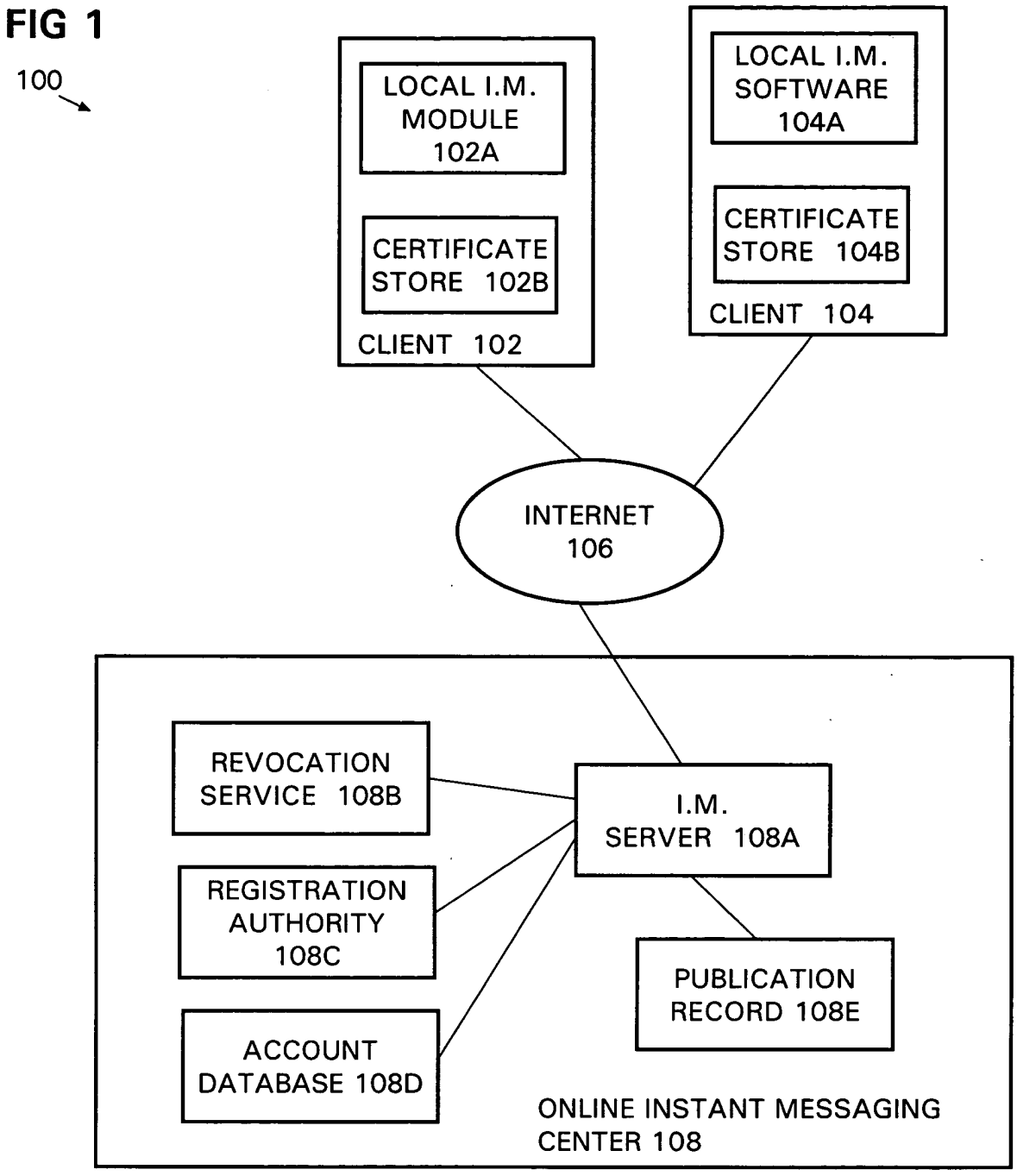
FIG 1


100
LOCAL I.M. MODULE 102A
CERTIFICATE STORE 102B
CLIENT 102
LOCAL I.M. SOFTWARE 104A
CERTIFICATE STORE 104B
CLIENT 104
INTERNET 106
REVOCATION SERVICE 108B
I.M. SERVER 108A
REGISTRATION AUTHORITY 108C
PUBLICATION RECORD 108E
ACCOUNT DATABASE 108D
ONLINE INSTANT MESSAGING CENTER 108

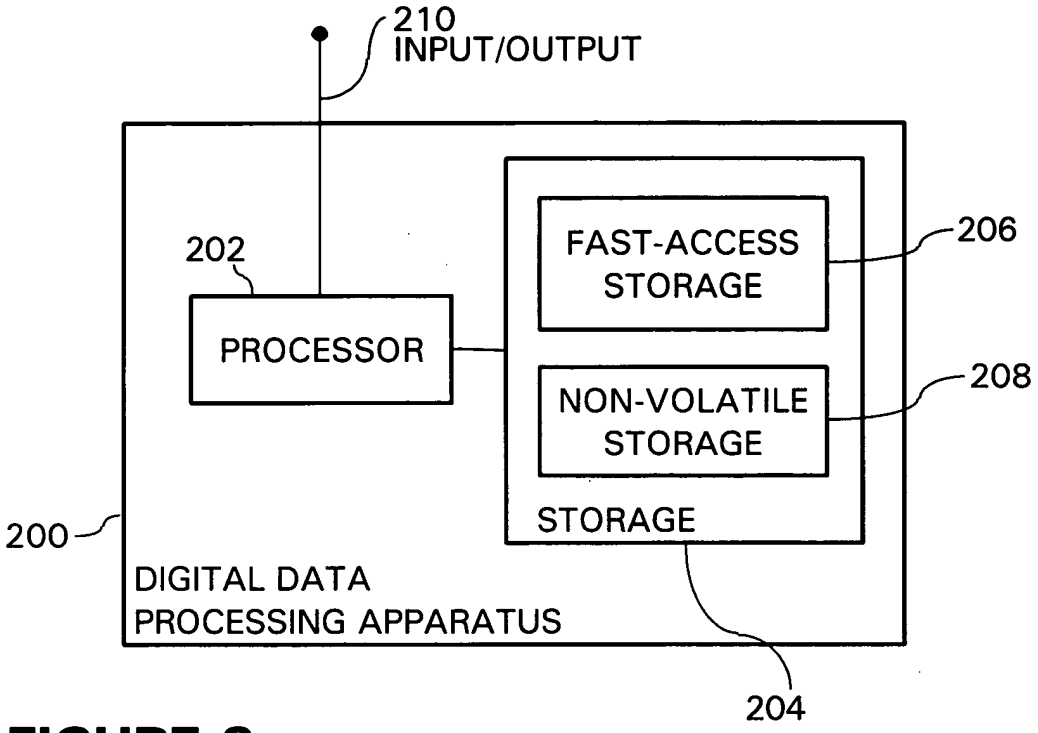


FIGURE 2

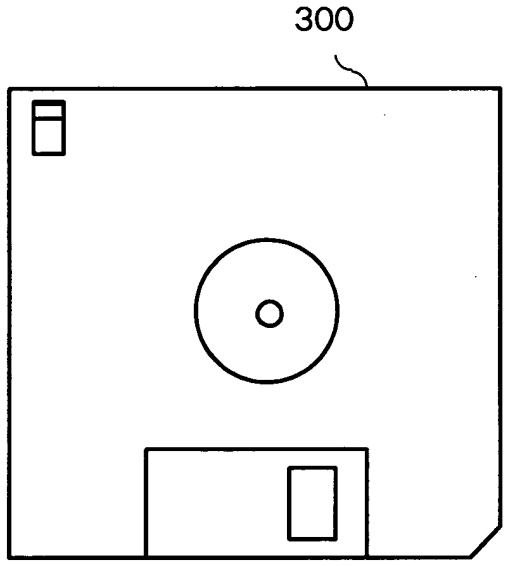


FIGURE 3

FIG 4

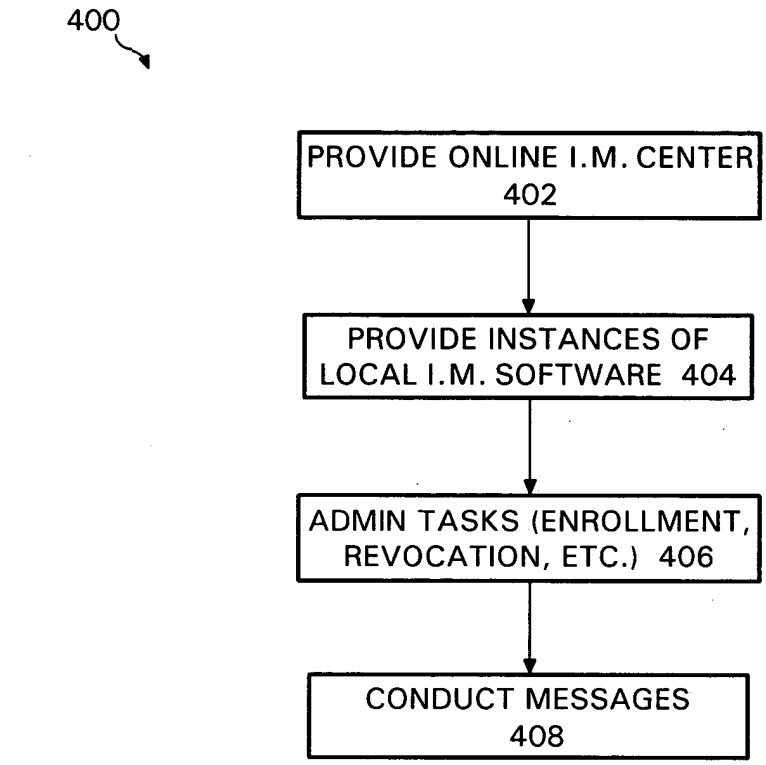
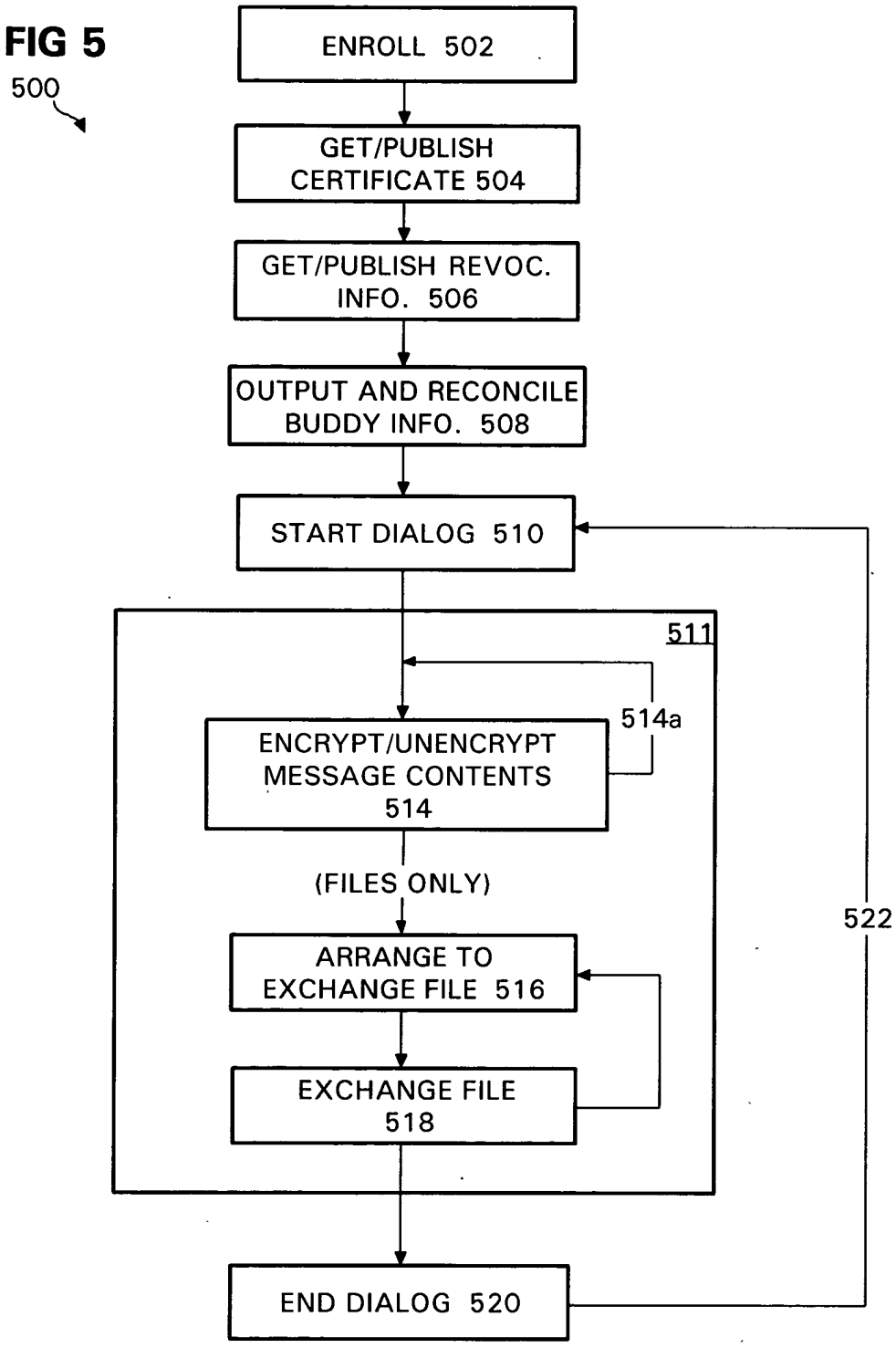

400
PROVIDE ONLINE I.M. CENTER 402
PROVIDE INSTANCES OF LOCAL I.M. SOFTWARE 404
ADMIN TASKS (ENROLLMENT, REVOCATION, ETC.) 406
CONDUCT MESSAGES 408

FIG 5


500
ENROLL 502
GET/PUBLISH CERTIFICATE 504
GET/PUBLISH REVOC. INFO. 506
OUTPUT AND RECONCILE BUDDY INFO. 508
START DIALOG 510
511
514a
ENCRYPT/UNENCRYPT MESSAGE CONTENTS 514
(FILES ONLY)
ARRANGE TO EXCHANGE FILE 516
EXCHANGE FILE 518
522
END DIALOG 520